

METHOD OF DRYING A MATERIAL HAVING A COHESIVE PHASE

ABSTRACT OF THE DISCLOSURE

A method for drying a material such as a polymer hydrogel which passes through a cohesive phase as it dries is disclosed. The method comprises agitating a composition while removing liquid until the solids content of the composition reaches a level at which the composition enters a cohesive phase, halting agitation, removing liquid from the composition in the absence of agitation, and resuming agitation. Practice of the present invention can eliminate the problems associated with adhesion of a material to itself and to process equipment during the cohesive phase.

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